

NOVEMBER/DECEMBER 2023

**DOAM35A/GOAM35A — MUSHROOM
CULTIVATION**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define mushroom.
2. What is wyeotorins?
3. Define mycelium.
4. Who introduced grain spaun?
5. Why formalin is used in mushroom cultivation?
6. Define synthetic compost.
7. Name the casual agent of truffle disease in agaricus species.
8. Which mushroom has more protein?
9. How can prevent mushroom contamination?
10. Expand NABARD.

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Give an account of the distribution of edible mushroom in the world.

Or

- (b) Explain briefly the life cycle of mushroom.

12. (a) Define spawn. Describe their types.

Or

- (b) Write about the factors affecting mushroom bed preparation.

13. (a) Give concise note on cultivation techniques of paddy straw mushroom.

Or

- (b) List out the various substrates used in mushroom cultivation.

14. (a) Comment on nutritive value of mushroom.

Or

- (b) Write briefly about the causal organism and symptoms of bacterial blotch disease. Add a note on its control measures.

15. (a) Explain the various precautional steps taken during mushroom cultivation.

Or

- (b) Describe the preparation of polao and pudding from mushroom.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about the history of mushroom cultivation.

17. What is compost? Write about short method of composting.

18. Write an essay on cultivation of white button mushroom.

19. Describe the casual organism, symptoms, transmission and control measures of wet bubble disease of mushroom.

20. Explain the cost benefit ration of mushroom cultivation.